Agriculture Profile

Kamloops District

Province of British Columbia

Ministry of Agriculture and Food

85-3858/

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ISBN 0-7726-0144-5

AGRICULTURE PROFILE

KAMLOOPS DISTRICT

VICTORIA, B.C.

Province of British Columbia
Ministry of Agriculture and Food

AUGUST, 1984

Canadian Cataloguing in Publication Data
Main entry under title:
Kamloops District

(Agriculture profile, ISSN 0710-3042)
Produced by Policy Development and Economics Division. Cf. Acknowledgements.
Revision of: McFadden, M., 1955- . Kamloops District. 1981.
ISBN 0-7726-0144-5

1. Agriculture - Economic aspects - British Columbia - Kamloops Region. 2. Agriculture - British Columbia - Kamloops Region. I. McFadden, M., 1955- . Kamloops District. II. British Columbia. Ministry of Agriculture and Food. Policy Development and Economics Division. III. Series.

HD1790.B7K35 1984 338.1'09711'41 C84-092229-9

ACKNOWLEDGEMENTS

This series of agricultural profiles was produced by the Policy Development and Economics Division, British Columbia Ministry of Agriculture and Food.

The report is descriptive, and includes statistical information from a variety of sources. It is designed primarily as an information base for use by Ministry of Agriculture and Food staff in district goal identification and program planning.

The authors acknowledge with gratitude the assistance and co-operation received from individuals and organizations both public and private during the preparation of this report.

This report is one of a series covering the eighteen District Agriculturists' Office Areas of British Columbia.

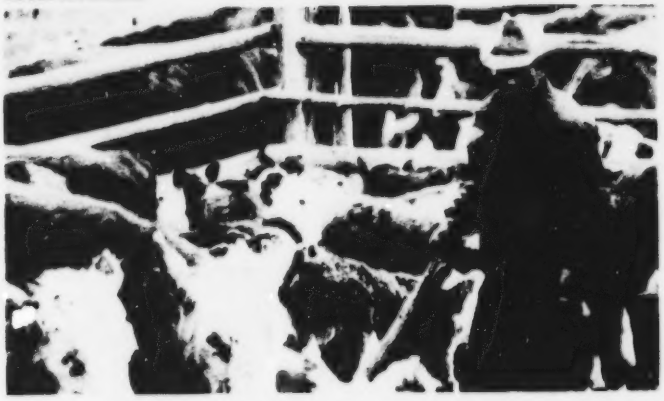
Abbotsford
Chilliwack
Cloverdale
Courtenay
Cranbrook
Creston
Dawson Creek
Duncan
Fort St. John
Kamloops
Oliver
Prince George
Quesnel
Salmon Arm
Smithers
Vanderhoof
Vernon
Williams Lake

BRITISH COLUMBIA AGRICULTURAL REPORTING REGIONS

AGRICULTURAL PROFILE - KAMLOOPS DISTRICT

PREFACE

BACKGROUND



The British Columbia Ministry of Agriculture and Food has divided the Province into eighteen agricultural districts, each served by a District Agriculturist. Profiles of these districts were first developed in 1980 under the Canada-British Columbia Agriculture and Rural Development Subsidiary Agreement (A.R.D.S.A).

The availability of new data from the 1981 Census of Agriculture resulted in a need for major revision. The present profile is an updated version reflecting the Census information. At the same time, the profiles have been expanded to include information not previously available, and many of the tables have been restructured to show a more detailed breakdown of different variables by farm sales.

CAVEAT

As the agricultural districts were designed to meet the needs of the farming community, and as their boundaries were developed to ensure efficient use of the District Agriculturist's time, the boundaries do not necessarily coincide with those of the Census Divisions or Subdivisions. However, statistical data from the Census of Agriculture is currently only available for Census Divisions and Subdivisions. An attempt was made, both in the original profiles and in these updates, to choose census divisions and subdivisions which most closely represent the agricultural districts. In this profile all references to the Kamloops District are to the area covered by census divisions 33-Thompson Nicola, Squamish Lillooet sub. A and Okanagan Similkameen sub. C.

STRUCTURE

The profiles have been designed to provide a comprehensive source of statistical information on each agricultural district. They have been divided into three sections: an overview of the district, a description of the farms and farmers of the district, and a description of the farm products of the district.

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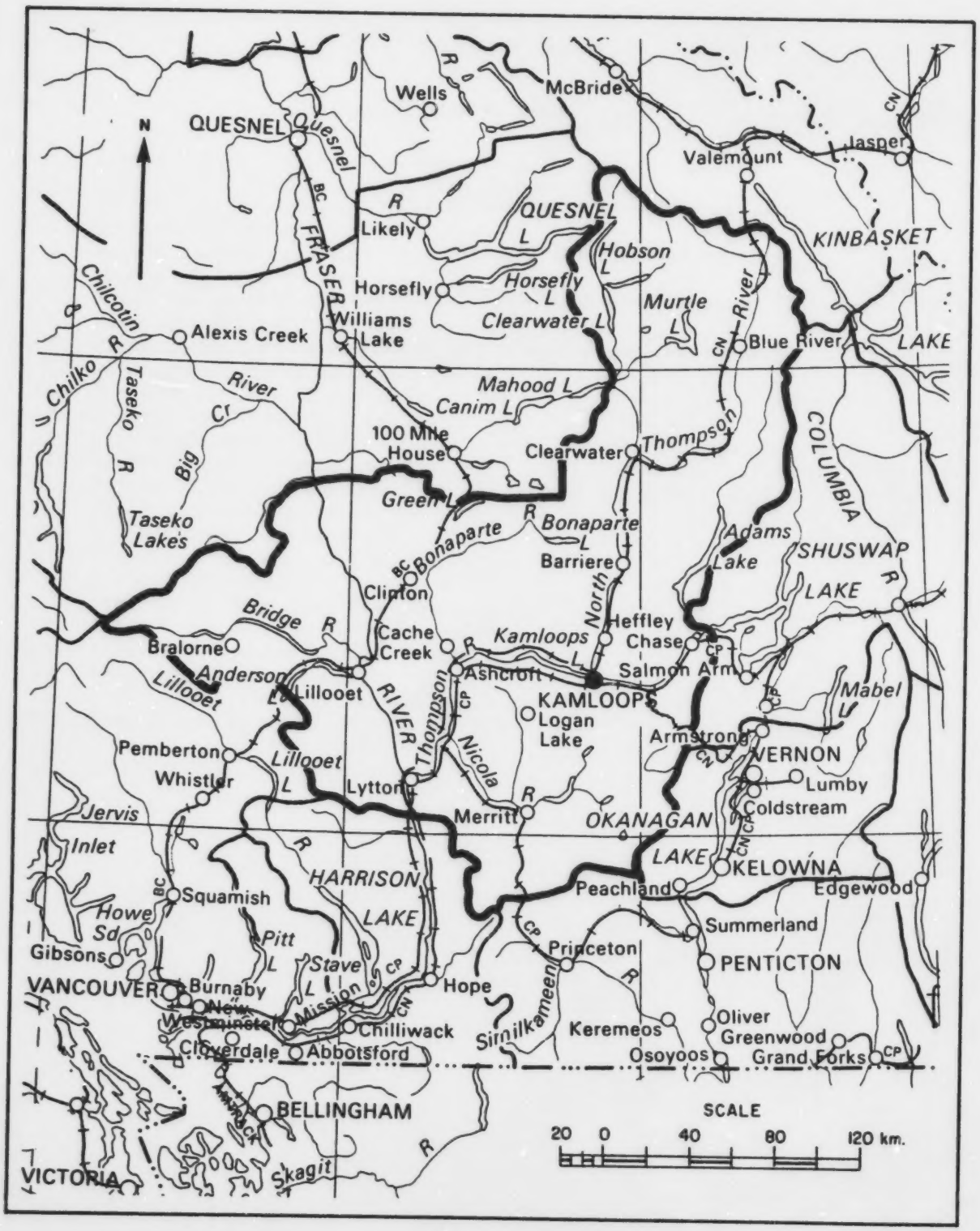
KAMLOOPS AGRICULTURAL DISTRICT



OVERVIEW: KAMLOOPS DISTRICT OFFICE AREA

The Kamloops Agricultural District occupies 5.7 million hectares in the Thompson-Cariboo Agricultural Reporting Region. The district occupies typical interior terrain consisting of level to rolling plateau, or high undulating plateau with deep river systems.

Census figures indicate a 1981 population of 112,045, a decrease of 3.8 percent over 1976 levels. The urban/rural distribution has shifted sharply over the last few years, the urban segment now represents 65.6 percent of the total population up from 55 percent in 1976. Total experienced labour force totals 54,225, with the majority employed in the manufacturing, personal services, trade and utility sectors.

The major agricultural activity in the district consists of beef production. In 1981, cattle production was the primary activity of 59 percent of farms. Field crops, almost exclusively fodder crops accounted for 8 percent of holdings while miscellaneous specialty production was reported by 10 percent of operations. Cattle production was the primary activity of 82 percent of holdings with sales greater than $50,000 in 1981. Farm cash receipts totalled $46 million in 1981, 5.1 percent of the provincial total. Cattle and calves and dairy accounted for 66 and 5 percent of receipts respectively.

The Kamloops District accounts for 412,889 hectares in agricultural holdings, approximately 19 percent of the provincial total. The total number of farms enumerated in 1981 was 950. Farms are larger than the provincial average in Kamloops where average farm size is 371 hectares compared to 109 hectares for the province as a whole. In 1981, 26 percent of farmland was classified as improved compared with 43.4 percent for the province.

An opportunity for agricultural expansion exists with increased beef and hog production in the district, particularly through intensification rather than expansion. There is also further production potential in the horticultural industry. Intensive vegetable production, particularly in riverbed flatland areas could be extended with the development of community irrigation systems. However, marketing channels for horticultural produce are limited at present with the majority of production being sold direct off the farm.

TABLE 1

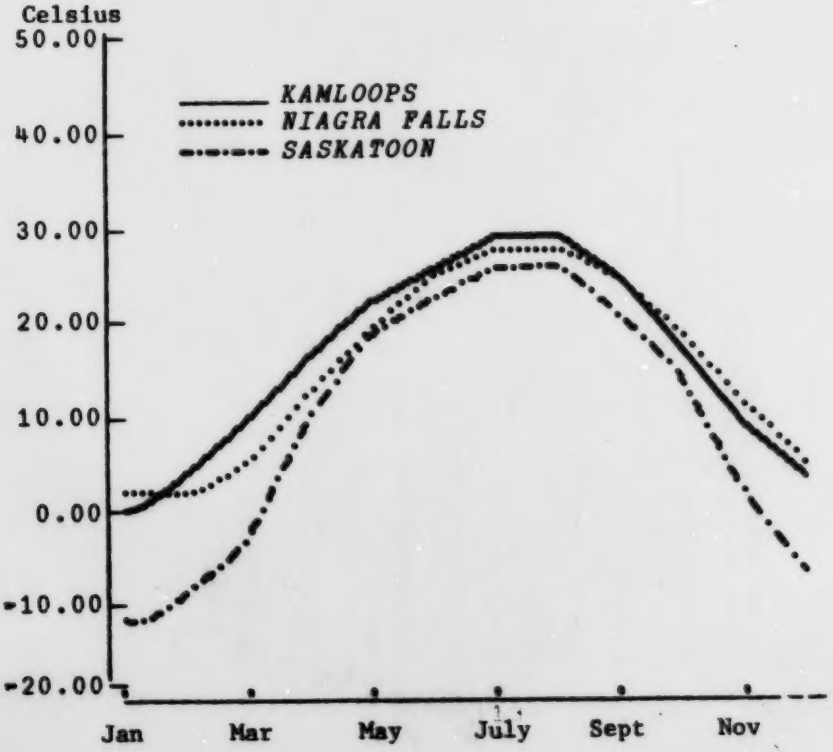
CLIMATIC DATA

KAMLOOPS/NIAGARA FALLS/SASKATOON COMPARED

	KAMLOOPS	NIAGARA FALLS	SASKATOON
Growing Degree Days	2,216.1	2,472.7	1,619.9
Frost Free Period	149	172	117
Total Precipitation	256.5	942.3	348.8

Source: Canadian Climate Normals 1951-1980
Temperature and Precipitation Normals 1951-1980
Environment Canada

MEAN DAILY TEMPERATURES COMPARED



THOMPSON-CARIBOO ALR AREAS

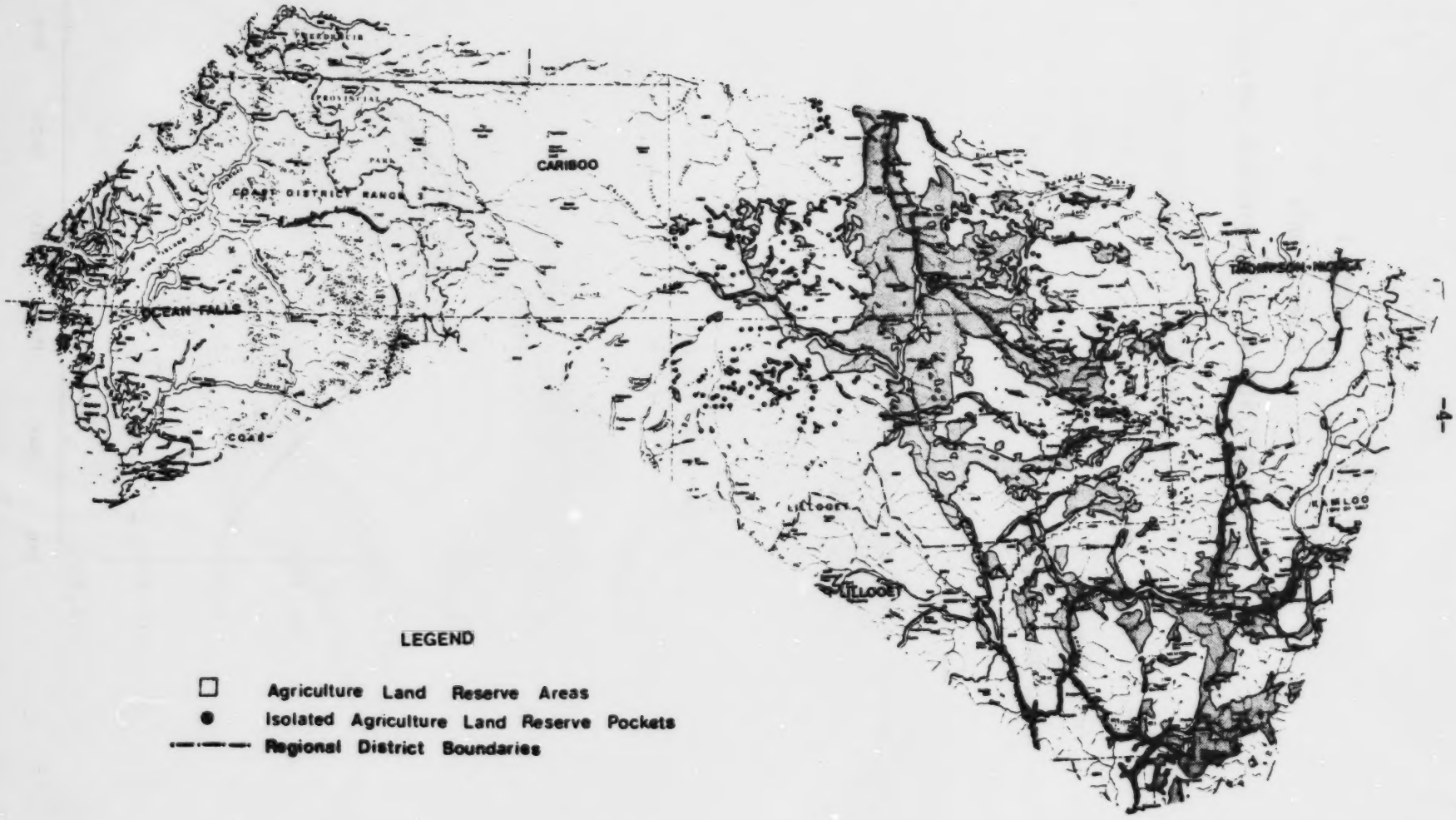


TABLE 2
THOMPSON AGRICULTURAL REPORTING REGION
AGRICULTURAL LAND RESERVE AREAS IN HECTARES
SUMMARY TABLE: LAND CAPABILITY CLASS BY PRESENT LAND USE

Present Land Use

	1	2	3	4	1-4	5	6	7	Water	Total	%Total
Forages and Grains	4,640	7,120	8,230	6,790	26,780	4,530	3,680	520	0	35,510	6
Horticulture	1,370	390	50	20	1830	50	30	20	0	1930	1
Grassland and Pasture	9,620	8,610	21,190	35,610	75,030	61,180	98,270	27,120	0	261,600	46
Forest	6,460	8,490	19,210	48,590	82,750	90,990	63,680	13,220	0	250,640	44
Non-Productive Lands	320	280	380	960	1,940	1,040	1,150	810	11,200	16,140	3
Total	22,410	24,890	49,060	91,970	188,330	157,790	166,810	41,690	11,200	565,820	
% Total	4	4	9	16	33	28	30	7	2		

Source: B.C. Land Inventory Report, Vol. 1, 2
Talisman Project Inc., 1980.

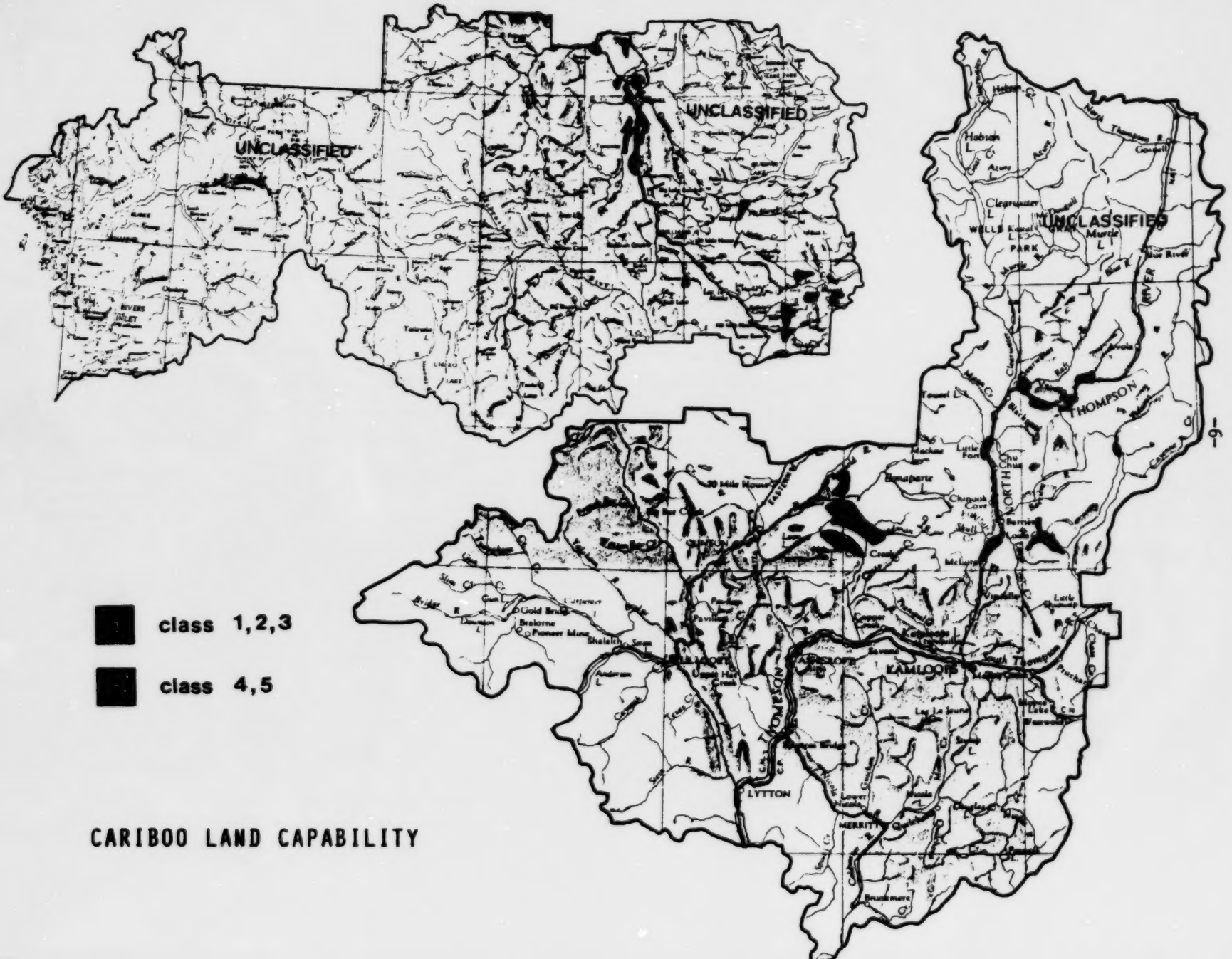

UNCLASSIFIED
UNCLASSIFIED
UNCLASSIFIED
class 1,2,3
class 4,5
THOMPSON
KAMLOOPS
LYTTON
MERRITT
CARIBOO LAND CAPABILITY

TABLE 3

THOMPSON CARIBOO AGRICULTURAL REPORTING REGION

AGRICULTURE LAND CAPABILITY

Class	1	2	3	4	5	6	7	Water Surface	Other*	Total
Hectares:										
Unimproved	4,624	8,549	85,900	403,112	2,611,740	2,537,968	2,291,239	240,644	8,096,668	16,280,443
Improved**	31,727	91,200	291,625	690,627	2,054,510	2,494,663	2,288,777	240,441	8,096,668	16,280,440
Percent:										
Unimproved	0.03	0.05	0.53	2.48	16.04	15.59	14.07	1.48	49.73	100.0
Improved**	0.20	0.56	1.79	4.24	12.62	15.32	14.06	1.47	49.73	100.0

*Other includes unclassified urban areas, national parks and unmapped portions of the district.
**Rating if land unit were irrigated and/or drained.

Source: Agriculture Land Capacity in British Columbia, ARDA Project #89077, 1976.

TABLE 4
KAMLOOPS AGRICULTURAL DISTRICT
AGRICULTURE AND GRAZING LEASE DATA IN HECTARES

Lease Type: Grazing

Year	No. of Leases	Area
1983	11	1,142.0
1982	0	-
1981	5	308.2
1980	6	370.2
1980-1983	22	1,820.4
TOTAL	116	23,520.7

Lease Type: Extensive Agriculture

1983	0	-
1982	1	64.8
1981	2	409.0
1980	4	115.1
1980-1983	7	588.9
TOTAL	13	864.7

Lease Type: Intensive Agriculture

1983	0	-
1982	1	2.2
1981	0	-
1980	1	13.0
1980-1983	2	15.2
TOTAL	5	34.3

Total lease area in Kamloops: 1980-1983: 2,424.52
Total lease area in Kamloops: 24,419.59

Source: B.C. Crown Land: Range and Cultivated Land Inventory, B.C.M.A. 1984

TABLE 5

USE OF LAND BY FARM SALES CLASS KAMLOOPS, 1981-IN HECTARES

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Number of Farms	155	74	140	127	276	178	950
Total Area of Farms	11,078	3,328	11,202	11,469	51,449	324,364	412,889
Total Improved Land Area	1,955	1,117	3,996	4,520	19,043	77,672	108,304
Total Area Under Crop	998	727	1,524	2,015	10,251	22,644	38,158
Number of Farms Reporting	106	53	100	104	251	167	781
Area of Improved Pasture	635	326	2,100	2,211	7,660	53,449	66,381
Number of Farms Reporting	70	41	89	81	163	102	546
Area in Summer Fallow	96	-	147	101	405	431	1,178
Number of Farms Reporting	10	-	11	3	13	10	47
Other Improved Land Area	227	64	225	194	727	1,150	2,586
Number of Farms Reporting	91	41	88	83	173	120	596
Total Unimproved Land Area	9,123	2,212	7,206	6,949	32,405	246,691	304,587
Woodland Area	537	256	1,425	1,579	4,872	22,080	30,748
Number of Farms Reporting	23	15	27	27	72	44	208
Other Unimproved Land Area	8,586	1,957	5,781	5,370	27,534	224,611	273,839
Number of Farms Reporting	72	36	79	89	190	138	604

Source: 1981 Census of Agriculture
December 1983

TABLE 6

KAMLOOPS AGRICULTURAL DISTRICT:

NUMBER OF FARMS BY FARM SALES CLASS

SALES	$-2499	$2500-4999	$5000-9999	$10,000+
1971	311	101	117	228
1976	404	114	116	311
1981	229	140	127	454

Source: 1981 Census of Agriculture.

TABLE 7

KAMLOOPS AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY PRODUCT TYPE AND SALES -1981 CENSUS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Dairy	4	2	5	3	9	4	27
Cattle	50	22	69	84	190	145	560
Hogs	3	1	5	2	6	1	18
Poultry	22	9	7	4	9	5	56
Wheat	1	-	-	-	2	2	5
Small Grains	1	2	1	-	3	-	7
Other Field Crops	28	13	10	11	15	3	80
Fruits and Vegetables	13	8	7	8	13	4	53
Miscellaneous Specialty	19	11	23	10	22	12	97
Livestock Combination	8	5	6	3	5	1	28
Other Combinations	6	1	7	2	2	1	19
TOTAL	155	74	140	127	276	178	950

SOURCE: Census of Agriculture, 1981

TABLE 8

KAMLOOPS AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY SIZE AND SALES-1981 CENSUS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
1-2 Acres	10	2	2	3	2	2	21
3-9 Acres	21	12	15	2	5	2	57
10-69 Acres	74	36	54	38	35	10	247
70-129 Acres	14	9	14	18	28	6	89
130-179 Acres	18	10	22	22	33	2	107
180-239 Acres	7	1	4	8	28	3	51
240-399 Acres	6	2	7	19	45	11	90
400-559 Acres	1	-	10	3	30	13	57
560-759 Acres	1	1	4	5	27	17	55
760-1119 Acres	2	-	4	6	24	18	54
1120-1599 Acres	-	-	3	1	12	16	32
1600 Acres and Over	1	1	1	2	7	78	90
TOTAL	155	74	140	127	276	178	950

SOURCE: Census of Agriculture, 1981

KAMLOOPS: AGRICULTURAL RESOURCE BASE

Farm Taxfiler's Income

The district has a relatively high proportion of high income operations. In 1981, 48 percent of farms had sales in excess of $10,000 compared to 40 percent for B.C. as a whole. Average gross farm income reported was $25,600 in 1981 compared to $39,959 provincially. Almost all taxfilers in the Kamloops District reported some off farm income, with 61 percent reporting wages and salaries.

Agricultural Employment

Over 88 percent of reported days off farm work included non agricultural labour, approximately 73 percent of off farm work was reported from holdings with sales less than $10,000. Farm operators hired an average 26 weeks of farm labour, compared with 24 weeks for the province as a whole. In 1981, farms with sales greater than $50,000 provided 75 percent of agricultural employment.

Agricultural Land Development Act

The 1981 census reported an increase of 5 holdings from 1976 levels. Irrigation has accounted for over 78 percent of A.L.D.A. expenditures over the last few years. Approximately 12 percent of funds are allocated to land clearing, which has totalled 1,280 hectares since 1971. Operators report using 3,416 tonnes of fertilizer on 15,643 hectares of agricultural land in 1981.

Farm Capital

The total nominal value of farm capital has increased from $257 million in 1976 to $540 million in 1981. The per farm average rose from $272,000 to $569,000 over the same period. The proportion of investment in land and buildings, livestock and machinery has remained relatively constant since 1976. In 1981, total farm capital per hectare was $1,300, approximately one-third of the provincial average.

Age of Operators

The age distribution of farmers remained relatively constant over the period 1976-81 with the largest increase in the 55-59 age group, the census reports an increase of 8 operators during this period. The district now represents 4.7 percent of the provincial total farmer population.

TABLE 9

KAMLOOPS AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY CAPITAL VALUE AND SALES-1981 CENSUS

Capital Value	Sales $250-2499	$2500-9999	$10000-49999	$50000 OR MORE	TOTAL
Less Than $10,000	4	-	-	-	4
$10,000-24,999	9	4	1	-	14
$25,000-49,999	7	5	1	-	13
$50,000-99,999	69	39	14	-	122
$100,000-199,999	80	85	44	8	217
$200,000-499,999	52	110	136	24	322
$500,000 AND OVER	8	24	80	146	258
TOTAL	229	267	276	178	950

SOURCE: Census of Agriculture, 1981

TABLE 10

TOTAL FARM CAPITAL BY FARM SALES, 1981: KAMLOOPS DISTRICT

	$250-2499	$2500-9999	$10000-49999	$50000+	TOTAL
NUMBER OF FARMS	229	267	276	178	950
TOTAL CAPITAL VALUE	38,896,512	67,349,408	132,164,171	301,957,001	540,367,092
VALUE OF LAND & BUILDINGS	33,794,088	56,398,952	104,285,690	217,750,222	412,228,952
VALUE OF MACHINERY	3,459,021	6,254,623	13,018,636	20,780,403	43,512,683
VALUE OF LIVESTOCK-POULTRY	1,643,403	4,695,833	14,859,845	63,426,376	84,625,457
AVERAGE CAPITAL VALUE	169,854	252,245	478,856	1,696,388	
RATIO OF CAPITAL VALUE TO MIDDLE VALUE OF FARM SALES CLASS	124	40	16	23	

SOURCE: Census of Agriculture, 1981

TABLE II

1983 SALES OF FARMS-THOMPSON-CARIBOO REGION

Area Name	No. Pcls.	Hectares	Sale Price	Value of Improvements	Residual Value	Actual Value	Assessment Sales Ratio	Mkt Value $/Hectare
Kamloops	40	3,361	$5,683,265	$745,150	$4,938,115	$1,531,449	0.31	1,470
Cariboo	34	2,168	2,914,005	442,950	2,471,055	836,838	0.339	1,139

Source: B.C. Assessment Authority.

TABLE 12

AVERAGE AGE OF FARMERS: KAMLOOPS DISTRICT

	1976	1981	CHANGE
Under 25	20	18	-2
25 - 34	145	147	+2
35 - 44	232	245	+13
45 - 54	258	236	-22
55 - 59	93	113	+20
60- 64	86	85	-1
65 - 69	54	54	-
70 & Over	54	52	-2
TOTAL	942	950	+8
TOTAL PERCENT OF B.C.	4.8	4.7	

SOURCE: Census of Agriculture, 1981

TABLE 13
THOMPSON CARIBOO REGION
FARM TAXFILER'S INCOME 1980.

	# of Farm Taxfilers	Average Gross Farm Income $'000s	Total Gross Farm Income $'000s	# Reporting Farm Net Income	Average Net Farm Income $'000s	Total Net Farm Income $'000s	# Reporting Wages & Salaries	Average Wage & Salary $'000s	# Reporting Off Farm Income	Average Off Farm Income $'000s	Total Off Farm Income $'000s	Average Income All Sources $'000s	Total Income All Sources $'000s
Thompson Nicola	765	27.8	21,275.4	741	(1.20)	(914.9)	449	9.7	730	15.0	11,506.4	13.9	10,591.4
Kamloops	420	24.9	10,474.4	414	(1.67)	(700.1)	267	14.6	406	24.0	10,081.3	22.3	9,381.1
Squamish Lillooet	120	14.1	1,688.2	119	(0.28)	(33.5)	76	12.6	112	16.5	1,973.5	16.2	1,947.0
Cariboo	1,370	26.0	35,558.4	1,352	(2.72)	(3,727.8)	839	11.0	1,285	16.1	22,083.0	13.4	18,355.3
Central Coast	20	4.5	90.3	20	(1.07)	(21.36)	15	20.3	20	24.9	498.7	23.9	477.3

Source: Revenue Canada.

TABLE 14

OFF-FARM WORK BY FARM OPERATORS BY TYPE OF WORK & FARM SALES, 1981: KAMLOOPS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
NUMBER OF FARMS	155	74	140	127	276	178	950
DAYS OF OFF-FARM WORK	20,506	9,117	17,997	13,468	19,600	3,627	84,315
FARMS REPORTING	97	43	84	79	130	32	465
AGRICULTURAL OFF-FARM WORK	2,111	902	2,023	1,412	2,390	1,269	10,107
FARMS REPORTING	15	5	10	13	27	9	79
NON-AGRICULTURAL OFF-FARM WORK	18,395	8,215	15,974	12,056	17,210	2,358	74,208
FARMS REPORTING	88	39	76	71	113	24	411

SOURCE: Census of Agriculture, 1981

TABLE 15
KAMLOOPS AGRICULTURAL DISTRICT
OFF FARM WORK BY FARM OPERATORS BY NUMBER OF DAYS AND FARM SALES-1981 CENSUS

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,000	$50,000+	TOTAL
1-6 Days	-	1	1	2	4	2	10
7-12	1	-	-	3	6	3	13
13-24	2	1	1	2	6	3	15
25-48	5	-	2	8	10	7	32
49-72	1	3	1	2	5	3	15
73-96	2	1	1	3	10	-	17
97-126	4	1	7	8	15	4	39
127-156	5	2	5	4	12	1	29
157-228	25	12	24	20	32	2	115
229-365	52	22	42	27	30	7	180
Total	97	43	84	79	130	32	465

Source: 1981 Census of Agriculture.

TABLE 16

HIRED AGRICULTURAL LABOUR BY FARM SALES, 1981: KAMLOOPS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
NUMBER OF FARMS	155	74	140	127	276	178	950
TOTAL WEEKS OF HIRED LABOUR	220	193	419	420	4,449	18,989	24,690
FARMS REPORTING	17	15	40	35	135	143	385
WEEKS OF YEAR-ROUND LABOUR	71	16	130	218	2,438	11,630	14,503
FARMS REPORTING	2	4	6	7	29	90	138
WEEKS OF SEASONAL LABOUR	149	177	289	202	2,011	7,359	10,187
FARMS REPORTING	16	12	35	28	123	103	317

SOURCE: Census of Agriculture, 1981

TABLE 17

AGRICULTURE LAND DEVELOPMENT ACT WORK DONE, APRIL 1971 - MARCH 1982: KAMLOOPS DISTRICT OFFICE AREA

	CLEARED			BROKEN			IRRIGATION	DRAINAGE	OTHER	TOTAL
Fiscal Year	Hectares	Cost/ Hectare $	Cost $'000	Hecatares	Cost/ Hectare $	Cost $'000	Cost $'000	Cost $'000	Cost $'000	$'000
1971/72	63	221	14	-	-	-	-	-	4	18
1972/73	75	187	14	-	-	-	-	-	-	14
1973/74	275	241	66	-	-	-	137	-	3	206
1974/75	254	170	43	29	45	1	222	4	-	270
1975/76	58	300	17	16	62	1	136	-	5	159
1976/77	74	276	20	6	42	*-	134	-	8	162
1977/78	104	278	29	-	-	-	91	-	4	124
1978/79	43	313	13	1	100	*-	95	-	1	110
1979/80	243	316	76	40	125	5	88	-	10	179
1980/81	83	358	19	44	159	7	748	-	118	893
1981/82	8	471	16	32	125	4	477	-	90	587

* Less than $1,000

SOURCE: British Columbia Ministry of Agriculture and Food, A.L.D.A. Branch Records

TABLE 18

SPRAYING, DUSTING AND IRRIGATION, 1981: KAMLOOPS

Spraying and Dusting (any)	132
Weed Control (Hec.)	1,311
Farms Reporting	98
For Insect Control (Hec.)	229
Farms Reporting	41
Irrigation - Total Area (Hec.)	27,501
Farms Reporting	677
Sprinkler System - Total Area (Hec.)	21,063
Farms Reporting	603

SOURCE: Census of Agriculture, 1981

TABLE 19

FERTILIZER USE, 1981: KAMLOOPS

Total Area (hectares)	15,643
Tonnes	3,416
No. Reports of Any Use	363
Total Cropland (Hec.)	5,272
Tonnes	1,117
Farms Reporting	167
Total Tame Hay (Hec.)	22,515
Tonnes	1,714
Farms Reporting	210
Total Improved Pasture (Hec.)	1,260
Tonnes	585
Farms Reporting	94

SOURCE: Census of Agriculture, 1981

KAMLOOPS AGRICULTURAL PRODUCTION

Livestock and Related Products

Sales of livestock and products for 1981 were valued at $36 million or 77 percent of total farm cash receipts. Cattle operations accounted for $31 million of this total or 25 percent of provincial beef sales. Total cattle herd size increased by 8 percent to 151,500 head over the period 1976-81. There is a significant trend towards intensification in beef production, evidenced by active pursuit of range improvement and a larger number of calves being kept for backgrounding. Increased backgrounding is supported by increased forage production under upgraded and expanded irrigation systems and heavier fertilizer application.

Sheep production is small but expanding, the sheep population has increased by 28 percent to 5,350 since 1976. Local sheep breeders associations ensure effective communication between producers for marketing purposes.

The poultry industry appears quite stable with the chicken population increasing by 9 percent to 88,000 since 1976, the majority of which is concentrated in the $50,000+ sales bracket.

Vegetables/Specialty Crops

Field vegetable receipts totalled $834,000 in 1981. The census indicates that there are 203 hectares under horticultural production in the district, 53 holdings reported vegetable production as a intensive activity in 1981. The development of a Farmers' market and U-pick operations in recent years has stimulated the industry. However, urban encroachment, particularly in riverbed flatland areas has presented an obstacle for horticultural expansion. Hothouse vegetables were valued at $313,000, greenhouse area has almost tripled since 1976 to 8,400 square meters in 1981, most greenhouse space is concentrated in $50,000+ sales class holdings. Floriculture/nursery is also important, being valued at $102,000.

Tree Fruit/Small Fruit

Small fruit, mostly grapes and strawberries totalled $170,000 in 1981. The district has 25 hectares under small fruit cultivation, the majority of which is concentrated in lower sales class holdings. Grape cultivation accounts for over two-thirds of small fruit area. Tree fruit production was valued at $427,000 in 1981, apple cultivation accounts for 68 percent of tree fruit area in the district.

Field Crops

Field crops, mostly wheat and oats totalled $146,000 in 1981 farm cash receipts. Ninety five percent of cropland is in fodder crops, mainly alfalfa, oats for fodder, wheat and barley. Corn silage production is closely linked to the cattle industry and the area planted varies with beef industry projections. Honey is also an important cash crop with 1981 receipts totalling $248,000, almost 5 percent of the provincial total.

TABLE 20

ESTIMATE OF FARM CASH RECEIPTS, 1981

KAMLOOPS AGRICULTURAL DISTRICT

COMMODITY	FARM CASH RECEIPTS $'000	PERCENTAGE	PERCENTAGE OF B.C. OUTPUT
Wheat	82.92	0.18	0.94
Oats	37.19	0.08	0.28
Barley	25.53	0.06	0.31
CWB Payments	0.00	0.00	0.00
Canola	0.03	0.00	0.00
Potatoes	80.41	0.17	0.44
Small Fruits	169.54	0.37	0.44
Field Vegetables	753.15	1.63	2.58
Floriculture/Nursery	101.57	0.22	0.20
Forest Prod.	352.50	0.76	15.07
Cattle & Calves	30,459.10	65.77	24.81
Income Ins.	4,429.99	9.57	
Hogs	1,081.69	2.34	2.08
Income Ins.	1.96	0.00	
Sheep	213.79	0.46	8.11
Income Ins.	12.57	0.03	
Poultry & Eggs	1,189.57	2.57	0.88
Income Ins.	0.44	0.00	
Dairy Products	2,514.12	5.43	1.16
C.D.C. Subsidy	100.38	0.22	
Honey	248.10	0.54	4.86
Tree Fruit	427.39	0.92	0.79
Income Ins.	182.62	0.39	
Hothouse	312.78	0.68	1.08
Income Ins.	10.98	0.02	
Other	3,523.99	7.61	5.16
TOTAL	46,312.30		

SOURCE: Ministry of Agriculture and Food, 1983.

TABLE 21

AREA IN FIELD CROPS BY FARM SALES, 1981: KAMLOOPS-IN HECTARES

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Number of Farms	155	74	140	127	276	178	950
Flaxseed	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Canola	-	-	-	1	-	-	1
Farms Reporting	-	-	-	1	-	-	1
Tame Hay - Total	844	569	1,374	1,802	8,786	18,748	32,122
Farms Reporting	90	46	90	97	234	157	714
Alfalfa and Mixtures	658	305	1,043	1,253	6,668	13,344	23,271
Farms Reporting	75	38	73	80	207	136	609
Other Tame Hay	186	264	331	549	2,118	5,404	8,852
Farms Reporting	22	12	29	45	83	68	259
Oats for Fodder	37	59	45	96	531	1,600	2,367
Farms Reporting	8	7	11	17	69	54	166
Other Fodder Crops	29	3	58	47	308	1,027	1,472
Farms Reporting	3	1	7	4	18	20	53

Source: 1981 Census of Agriculture.

TABLE 22
KAMLOOPS AGRICULTURAL DISTRICT
AREA OF VEGETABLES ON FARMS, IN HECTARES- 1981 CENSUS OF AGRICULTURE

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	155	74	140	127	276	178	950
Vegetables	3.0	0.49	5.3	5.8	120	69	203
Farms Reporting	6	2	5	4	16	9	42
Asparagus	-	-	-	2.8	1.2	-	4.1
Farms Reporting	-	-	-	2	1	-	3
Beans	0.08	0.04	0.04	-	2.8	0.16	0.61
Farms Reporting	2	1	1	-	3	2	9
Beets	-	-	0.04	-	0.2	0.12	0.36
Farms Reporting	-	-	1	-	3	2	6
Broccoli	-	-	0.04	-	0.08	0.2	0.32
Farms Reporting	-	-	1	-	1	1	3
Cabbage	0.04	-	-	-	0.12	6.5	6.7
Farms Reporting	1	-	-	-	1	5	7
Carrots	0.28	0.2	0.04	-	0.32	0.53	1.4
Farms Reporting	4	1	1	-	3	3	12
Cauliflower	-	-	0.04	-	0.08	1.4	1.6
Farms Reporting	-	-	1	-	1	3	5
Cucumbers	0.32	-	0.45	-	9.4	1.5	12
Farms Reporting	3	-	3	-	7	4	17
Green Peas	0.08	0.04	0.04	-	0.89	0.69	1.7
Farms Reporting	2	1	1	-	3	2	9
Lettuce	-	-	0.04	-	-	4.1	4.2
Farms Reporting	-	-	1	-	-	3	4
Onions (Dry)	-	-	-	-	17	1.9	19
Farms Reporting	-	-	-	-	3	4	7
Rutabagas	0.04	0.2	-	-	-	1.2	1.5
Farms Reporting	1	1	-	-	-	1	3
Sweet Corn	0.28	-	3.0	1.6	75	23	102
Farms Reporting	2	-	3	3	13	7	28
Tomatoes	1.9	-	0.81	0.41	6.6	15	24
Farms Reporting	5	-	2	1	8	7	23
Other Vegetables	-	-	0.77	1.0	9.4	13	24
Farms Reporting	-	-	3	1	7	5	16

TABLE 23

KAMLOOPS AGRICULTURAL DISTRICT

AREA IN SMALL FRUITS BY FARM SALES IN HECTARES-1981 CENSUS

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	155	74	140	127	276	178	950
Small Fruits	7.8	5.5	0.61	7.0	4.0	-	25
Farms Reporting	5	4	2	3	4	-	18
Strawberries	0.04	3.0	0.61	0.08	1.2	-	4.9
Farms Reporting	1	2	2	1	1	-	7
Grapes	5.7	2.4	-	6.9	2.3	-	17
Farms Reporting	2	1	-	2	3	-	8
Other Berries	2.1	0.08	-	-	0.49	-	2.6
Farms Reporting	4	1	-	-	2	-	7

Source: 1981 Census of Agriculture.

TABLE 24
KAMLOOPS AGRICULTURAL DISTRICT
AREA IN TREE FRUITS BY FARM SALES IN HECTARES-1981 CENSUS

	250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	155	74	140	127	276	178	950
Tree Fruits	8.4	3.9	15	21	38	5	91
Farms Reporting	10	6	7	10	12	2	47
Apple	4.9	2.2	11	15	27	2.4	62
Farms Reporting	10	6	7	10	11	2	46
No. of Apple Trees	898	446	1,036	4,606	10,803	1,325	19,114
Pear	0.53	0.36	0.69	1.1	1.1	0.28	4.0
Farms Reporting	8	5	3	5	5	2	28
Number of Pear Trees	43	18	19	217	83	70	450
Plum and Prune	1.7	0.28	0.73	1.4	1.9	0.24	6.2
Farms Reporting	8	4	2	6	5	2	27
Number of Trees	120	20	10	161	253	50	614
Cherry (Sweet)	0.65	0.41	1.1	2.6	6.4	0.61	12
Farms Reporting	9	4	3	7	8	2	33
No. of Cherry Trees	96	42	35	447	1,029	325	1,974
Cherry (Sour)	0.2	0.2	0.41	0.36	0.32	-	1.5
Farms Reporting	5	2	1	4	2	-	14
Number of Trees	23	17	15	16	8	-	79
Peach	0.2	0.2	0.61	0.73	1.1	1.3	4.1
Farms reporting	4	2	2	5	4	2	19
No. of Peach Trees	37	19	12	200	264	340	872
Apricot	0.28	0.16	0.61	0.36	0.57	0.12	2.1
Farms reporting	6	3	2	4	5	1	21
No. of Apricot Trees	37	21	8	66	36	35	203

Source: 1981 Census of Agriculture.

TABLE 25
KAMLOOPS AGRICULTURAL DISTRICT
AREA IN SPECIALTY CROPS BY FARM SALES IN HECTARES-1981 CENSUS

	$250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	229	267	276	178	950
Nusery Products	n.a.	n.a.	n.a.	n.a.	2.5
Farms Reporting	1	2	2	2	7
Greenhouse Sq. Metres	n.a.	n.a.	1,629	6,244	8,398
Farms Reporting	1	5	6	5	17

Source: 1981 Census of Agriculture.

TABLE 26
KAMLOOPS AGRICULTURAL DISTRICT
LIVESTOCK NUMBERS BY FARM SALES-1981 CENSUS

	$250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	229	267	276	178	950
Cattle-Total Number	2,752	8,015	25,937	114,855	151,559
Farms Reporting	123	196	221	156	696
Cows-Total Number	1,050	2,968	11,284	43,774	59,076
Farms Reporting	90	170	204	149	613
Dairy Cows-Number	97	235	453	249	1,034
Farms Reporting	35	45	45	22	147
Beef Cows-Number	953	2,733	10,831	43,525	58,042
Farms Reporting	66	152	192	146	556
Heifers-Total Number	459	1,225	3,001	19,046	23,731
Farms Reporting	74	158	181	142	555
Steers-Number	319	906	2,176	12,136	15,537
Farms Reporting	58	103	126	114	401
Bulls-Number	70	236	673	3,759	4,738
Farms Reporting	39	122	183	142	486
Calves-Number	854	2,680	8,803	36,140	48,477
Farms Reporting	89	169	197	136	591
Pigs-Total Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	31	36	38	14	119
Sheep-Total Number	173	1,109	1,251	2,823	5,356
Farms Reporting	17	22	25	10	74
Horses-Number	496	841	1,219	1,865	4,421
Farms Reporting	102	157	173	123	555

Source: 1981 Census of Agriculture.

TABLE 27
KAMLOOPS AGRICULTURAL DISTRICT
POULTRY NUMBERS BY FARM SALES-1981 CENSUS

	250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	229	267	276	178	950
Hens/Chickens Total No.	5,394	5,928	6,076	70,553	87,951
Farms Reporting	111	127	117	56	411
Turkeys-Number	366	340	105	31,084	31,895
Farms Reporting	22	22	13	7	64
Geese-Number	112	153	185	33	483
Farms Reporting	20	28	25	6	79
Ducks-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	28	30	24	8	90

Source: 1981 Census of Agriculture.

APPENDIX

TERMS USED IN THE CENSUS OF AGRICULTURE

Census-farm areas

The area of census-farms reported for each subdivision represents the area of land operated by farmers whose headquarters are in the subdivision.

Crown lands, usually pasture land, which were operated under a lease agreement with federal, provincial or municipal governments, are reported as part of the farming operation of the person to whom the land was leased. However, land which was used under a per head grazing permit or fee is not included.

Large areas of timber land or other non-agricultural land held by the operator, but operated apart from the farm business, are excluded.

Use of Land

All farm land is classified according to use under two major divisions: improved and unimproved land.

Improved Land

1) Crop land - Included in this item is the total area of crop land sown for harvest in the census year. Crop land includes the total area of all field crops, plus the areas of fruits, vegetables, greenhouses, mushroom houses and nursery products. Because some crops are reported in fractions of a hectare, there may be slight differences between the sum of the individual crop areas and the total crop land.

2) Improved pasture - All land which was being used for pasture or grazing and which has had some improvements made to it in recent years is included. Improvements would include cultivation, drainage, irrigation, fertilization, seeding down or spraying.

3) Summer fallow - The enumerator was instructed to include in this item land from which no crop was to be harvested during the census year, but which was to be cultivated or worked during the year for weed control and/or for moisture conservation.

4) Other improved land - This item includes the area of barnyards, home gardens, lanes and roads on farms. It also includes areas of cultivated land that were lying idle, being neither summer-fallowed nor cropped, and areas of new breaking that had not been seeded to a crop.

Unimproved Land

The area of unimproved land consists of the total areas reported for 1) woodland and 2) other unimproved land.

1) Woodland - This includes farm woodlots, land leased for cutting, sugar bush and cut-over land with young growth which has or will have value as timber, fuelwood or Christmas trees. The area of tress planted for wind-breaks was also to be included. It excludes large timber tracts which are run as a separate business from the farm. There is some evidence that changes in the area of this item between censuses may be due to differences in interpretation. This would be particularly true in areas of bushland.

2) Other unimproved land - Areas of native pasture or hay land that had not been cultivated, bush pasture, grazing or waste land, sloughs, marsh and rocky land et cetera, are all included in this item.

TERMS USED IN LAND CAPABILITY RATINGS

Class 1	land is capable of producing the very widest range of vegetables, cereal grains, forages, berry fruits and numerous specialty crops. Soil and climatic conditions are opitimum.
Class 2	land is capable of producing a wide range of regional crops as above with some differences in variety due to minor restrictions of soils and climate.
Class 3	land is capable of producing a fairly wide range of regional crops under good management practices. Soils and/or climate limitations are somewhat restrictive.
Class 4	land is capable of a restricted range of regional crops such as hardy cereal grains, hardy vegetables, and forages. Soil and climate limitations demand special management considerations.
Class 5	land is capable of production of perennial forage crops only. Soil and/or climate restrictions severely limit the land's capability.
Class 6	land is natural rangeland. Soil and/or climate limitations preclude cultivation, but the land may be important in its natural state as grazing land.
Class 7	land has no agricultural capability whatsoever.
UNIMPROVED	These figures are derived from the Canada Land Inventory dry-farm ratings. They do not reflect either present land use or the state of readiness for cultivation, but only the potential capability if used for agriculture.
IMPROVED	These figures are derived from the Canada Land Inventory irrigated ratings. They reflect the capabitity for agriculture if the land unit were irrigated and/or drained. They do not indicate whether the land unit is presently either irrigated or drained.
WATER SURFACES	This category includes all non-seasonal lakes and rivers. It also includes that part of the Strait of Georgia, between Vancouver Island and the Mainland , that falls within latitudes 49 N to 51 N.
OTHER	This category includes all regions of the province that were not mapped due to limited agricultural potential, national parks, and unmapped urban areas.

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Queen's Printer for British Columbia ©
Victoria, 1985